



Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
March 28, 2013



Overview



Radiological Project Work Overview

- Current Project Map
- SS/SD Removal and Building Survey Update
 - Parcel C
 - Parcel E 500-Series
 - Building 253 and 211
 - Parcel D-1



2013 Radiological Projects



PROJECT AREAS

- IMPACTED BUILDINGS OR SITES
- IMPACTED BUILDINGS/SITES THAT HAVE OBTAINED REGULATORY RELEASE
- PARCELS THAT HAVE OBTAINED REGULATORY RELEASE
- ERRC IR-07/18 CAP
- SHAW D1
- TES BIN STORAGE
- TTEC PARCEL C PHASE II
- TTEC BUILDING 211/253
- ITSI PARCEL D PHASE II
- TTEC PARCEL E 500 SERIES
- RSY PADS



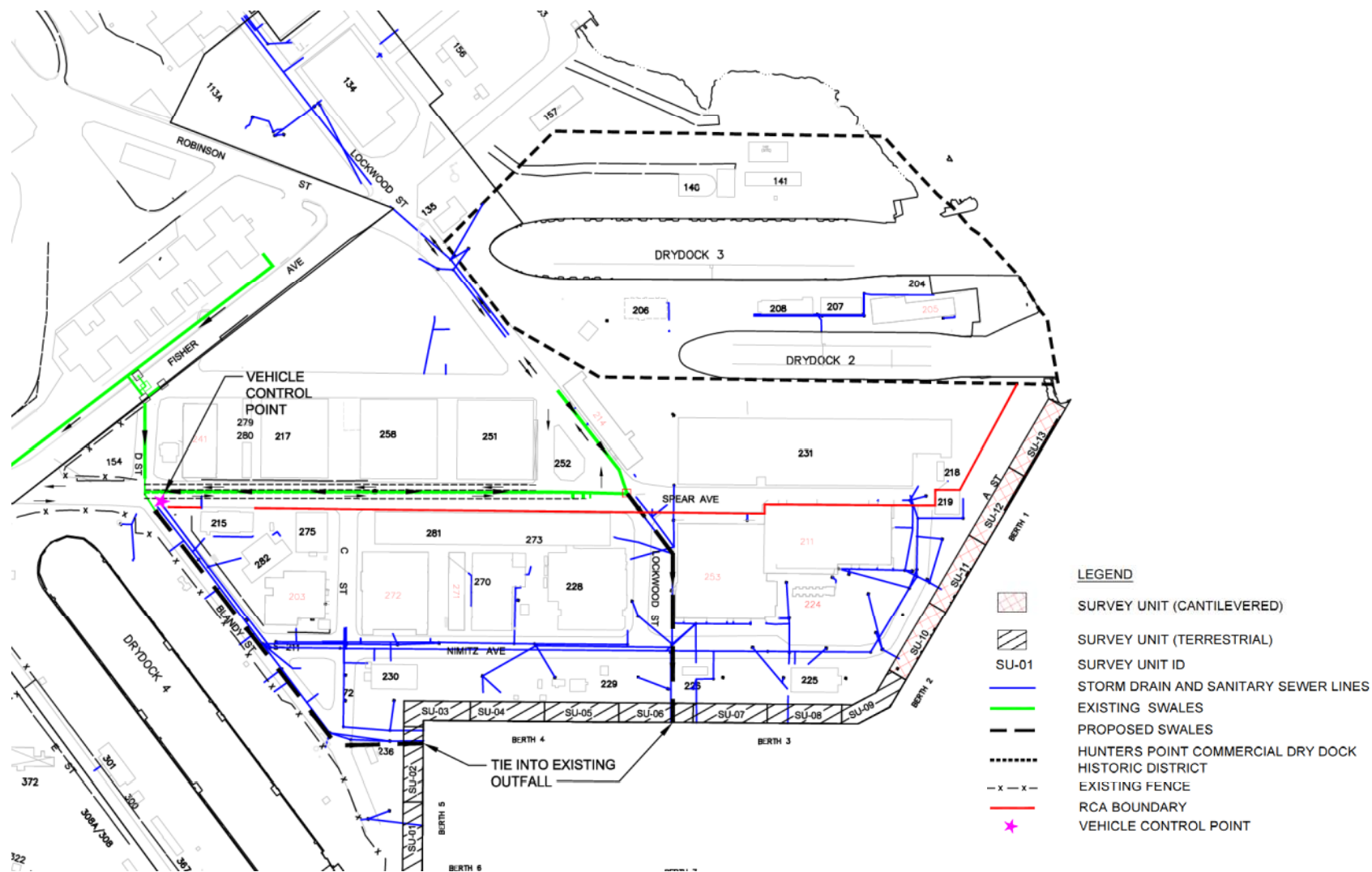
Parcel C - Phase II SS/SD Removals & Ship Berth Surveys



- Parcel C SS/SD line removal commenced on January 2011.
 - Phase I – is complete and removed 16,119 linear feet of SS/SD lines and excavated 28,176 cubic yards of soil.
 - Phase II - has removed 7,868 linear feet of SS/SD lines and 17,823 cubic yards have been excavated through March 22.
- Ship Berths:
 - Began scanning surface of Berths 3, 4, and 5 to allow for removal of asphalt cover
 - Continued scanning of concrete surface at Berths 1 and 2

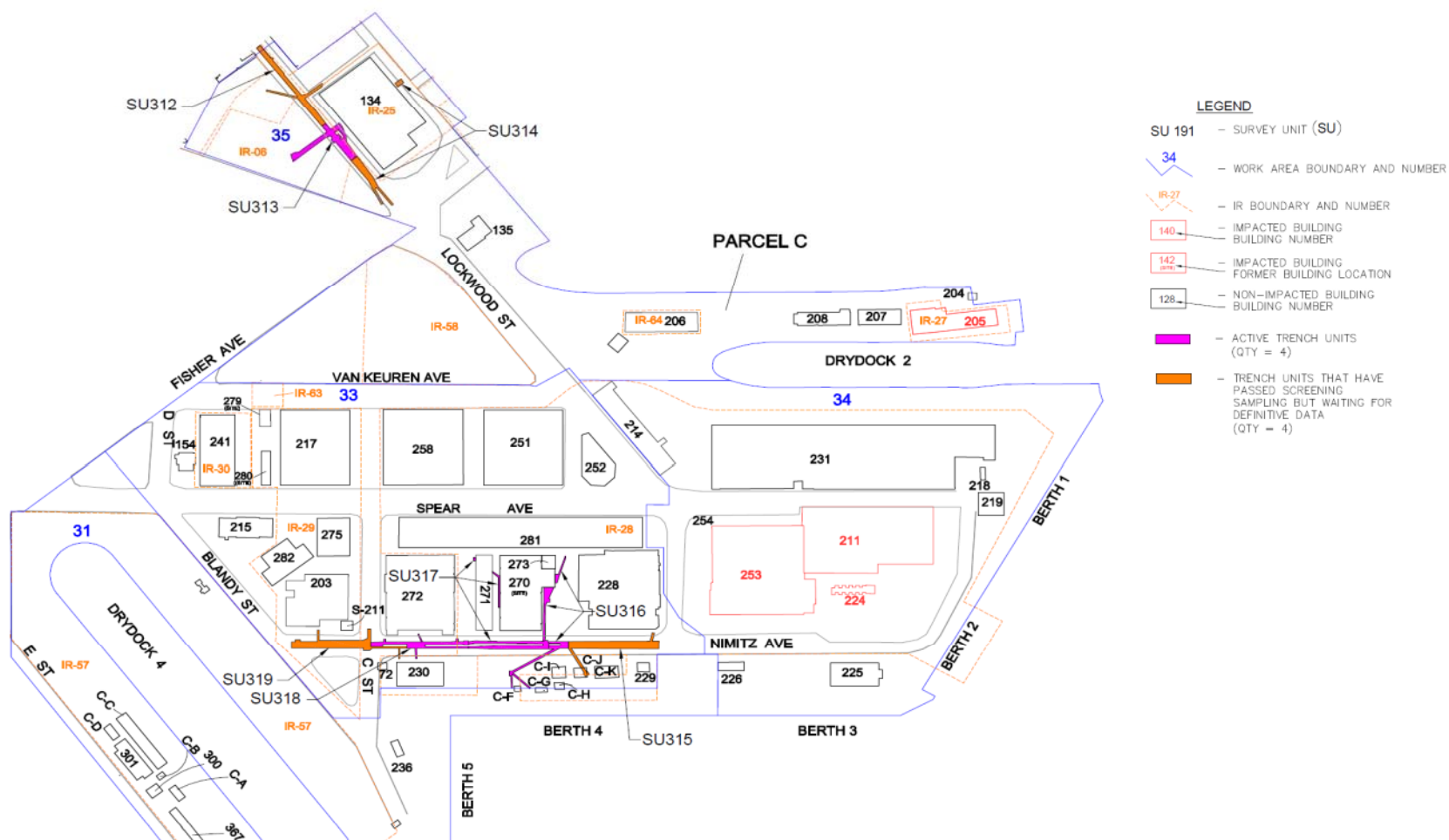


Remaining Parcel C SS/SD Lines



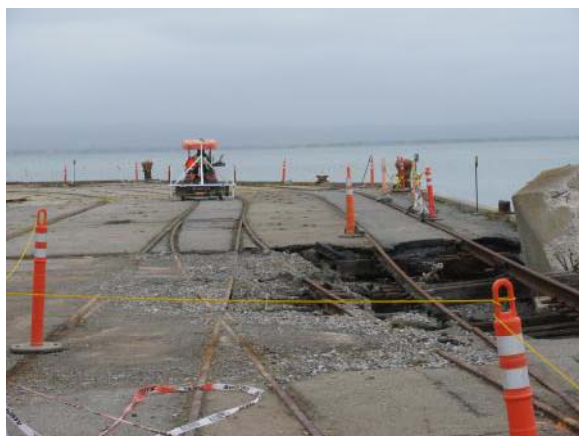


Parcel C Phase 2 Excavated Trench Units

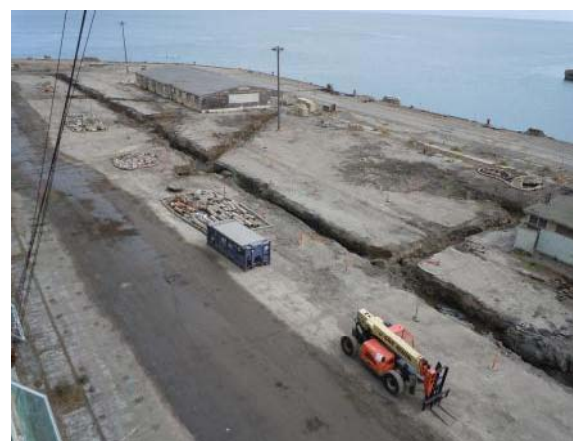




Field Activities in Parcel C Phase II



Conducting drive over scan of Berth 3 – Survey Unit 9



Overview of excavated trenches along Nimitz Ave.



Performing a gamma scan of an excavated trench



Preparing samples for submittal to the onsite laboratory



Parcel C Building and Site Surveys



Building 214

- Received free release letter

Building 271

- Received free release letter

Building 272

- Received free release letter

Buildings 203

- Received free release letter

Building 241

- Received free release letter

North Pier

- Awaiting analytical results

Ship Berths 1 to 5

- Field work started January 15

Building 253 and 211

- Field work started January 9



Buildings 253 and 211





Radiological Survey of Buildings 253 and 211



- Radiological Survey of Buildings 253 and 211 was awarded to TtEC on September 19, 2012. These surveys are to identify and characterize the extent of radiological contamination. No remediation is included as part of this scope.
- Mobilized January 9, 2013.
- Activities being performed:
 - General Building Cleanup
 - Removal of trash & debris from work areas
 - Mapping of ventilation system & drain lines
 - Mobilizing supplies and equipment to upper floors



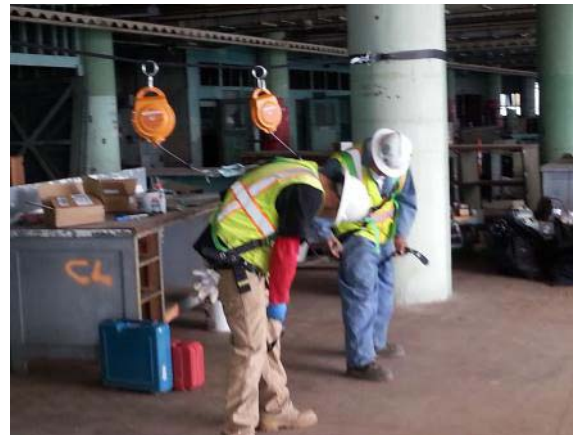
Field Activities in Building 253 and 211



Scanning of debris



Hi-lift fork lift used to raise equipment to upper floors



Engineered fall protection used for retrieval of lifted equipment



Parcel E Field Activities



Parcel E 500 Series Area

- 26 of 27 survey units have passed definitive gamma analysis, awaiting off-site strontium data for 1 survey unit

Former Shack 79/80

- SU 2 - Remediation complete, awaiting systematic results

Building 707 Triangle Area

- All survey units have passed systematic sampling, awaiting off-site strontium data results for 1 survey unit



Parcel E 500 Series Building and Site Surveys



Former Building Site 503	• Internal Draft FSS under review
Former Building Site 507	• Final FSS submitted
Former Building Site 508	• Final FSS submitted
Former Building Site 509	• Final FSS Submitted
Former Building Site 517	• Awaiting analytical data
Building 500	• CDPH performed confirmatory survey on December 19
Building 521	• Received Free Release Letter
Former Building Site 520	• Final FSS submitted
Former Building Site 506	• Draft FSS under review
Former Building Sites 510/510A	• Final FSS Submitted
Former Building Site 529	• Final FSS Submitted
Former Shacks 79/80	• Awaiting analytical data
500 Area Site	• Field work complete, awaiting analytical data



Parcel C & E Buildings/Sites FSS Report Status

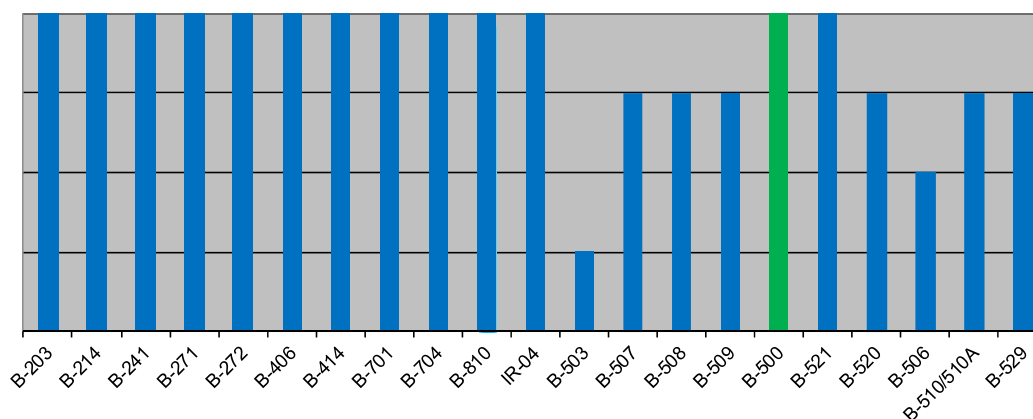


Free-Released

Final

Draft

Internal Draft
(Data under review)



Waiting for concurrence for
Free-Release determination





Parcel D-1, Phase I Report Status



- Former Building 383 Site
 - Issued Final
- Building 313, 313A & 322 Sites
 - Issued Final
- Building 274
 - Received Free-release letter
- Gun Mole Pier and South Pier
 - Final South Pier FSS anticipated April 12
 - Gun Mole Pier FSS in Internal Draft review
- Phase I RACR
 - Draft anticipated May 2013



Comments, Questions, Concerns ???